

XMap — Architecture Overview

Lays over the VMS you already run, and collapses scattered monitoring into one map that responds

1 Locate

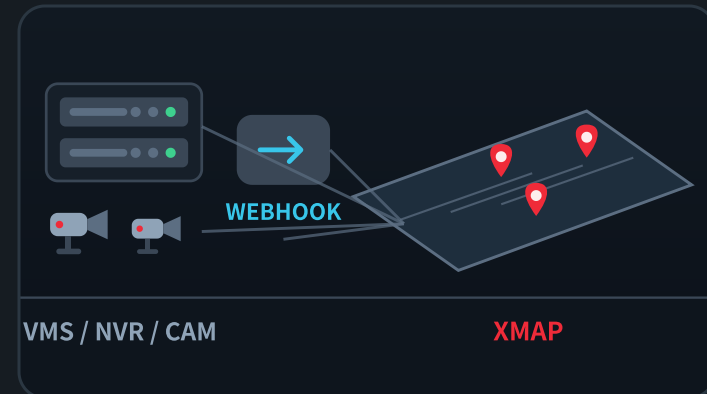
2 Watch & review

3 Event & response

1 Sources & External Systems

Sources

Everything you already run, unchanged



- NX Witness • LILIN Navigator native
- ONVIF / RTSP cameras & NVRs generic
- Access control • AI • IoT webhooks

What you do NOT need

- No VMS replacement — XMap lays over it
- No extra server — embedded database, runs standalone
- No manual camera list — sync imports and archives

Windows / macOS / Linux; English, Traditional Chinese and Vietnamese, switchable at runtime.

Camera list sync

vanished ones archived

Multi-brand live

NX • ONVIF / RTSP

Inbound events

access • AI • IoT

2 XMap Engine

XMap Engine

Map layer, monitoring wall and event layer

1 Map layer — from global down to any space

OpenStreetMap overview, your own floor plans and real 3D models; cameras sit where they actually are.



2 Monitoring wall & playback

One click from map to wall, 1 up to 5x5 (25 streams), main / sub stream auto-fallback, MP4 export.



3 Event layer — an alarm becomes a located response

SOS banner, map auto-focus, step-by-step SOP checklist, a full handling trail, and a jump to the recording.



One map, whole site

2D plans & 3D floors

Wall & playback

up to 25 streams

Auto-focus + SOP

auditable trail

3 Operator & Output

Operator & Output

What the watch stand actually does



Watch stand

Editing, sync and drag disabled — a 24/7 desk cannot break the setup.

operator mode



Event report

By severity, category, site and date, with daily distribution and top-N sources.

CSV / PDF



External actions

State changes fire outbound webhooks — push, door release, alarm.

outbound webhook

One building or a national chain

Standalone deployment embedded database • no extra server • operator mode locks it to monitoring

Why add XMap over what you already run?

No VMS replacement

XMap lays over the existing system; recording and permissions stay untouched.

From watching feeds to watching the site

Past 50 cameras, list-based management falls apart. A map does not.

Located alarms with an SOP

The screen goes to the incident and lists the steps — new operators can follow it.

Two editions

XMap Pro

Global and custom layers, 3D floors, reacting points, events

XMap Enterprise

Pro plus the wall (25 streams), playback and MP4 export